

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of the claims in the present application.

Listing of Claims:

1. (Currently Amended) A device for waking up at least one targeted user of a bus system without waking up all of the users of the bus system, comprising:
a detection device for implementing a two-step wake-up procedure including detecting at least one predefined signal feature of a message transmitted on the bus system, wherein the at least one predefined signal feature is assigned to the at least one targeted user, and wherein the detection device initiates a further step of the wake-up procedure only for the at least one targeted user once a preselected number with respect to the at least one predefined signal feature of the message has been reached, and wherein the preselected number with respect to the at least one predefined signal feature is greater than one.
2. (Canceled).
3. (Original) The device according to claim 1, wherein the at least one signal feature includes at least one of an edge and an edge change of a signal.
4. (Original) The device according to claim 1, wherein the at least one signal feature includes at least one of a signal level and a preselected combination of a plurality of signal levels.
5. (Currently Amended) A targeted user of a bus system, comprising:
a detection device for implementing a two-step wake-up procedure including detecting at least one predefined signal feature of a message transmitted on the bus system, wherein the at least one predefined signal feature is assigned to the targeted user, whereby users of the bus system not associated with the at least one predefined signal feature do not detect the at least one predefined signal feature, and wherein the detection device initiates a further step of the wake-up procedure only for the targeted user once a preselected number with respect to the at least one predefined signal feature of the message has been reached, and wherein the preselected number with respect to the at least one predefined signal feature is greater than one.
6. (Canceled).

7. (Currently Amended) A method for waking up at least one targeted user of a bus system without waking up all of the users of the bus system, the method comprising:
performing a first step of two-step wake-up procedure by detecting, by the at least one targeted user, at least one preselected signal feature of a message transmitted on the bus system, wherein the at least one preselected signal feature is assigned to the at least one targeted user; and
initiating a further step of the wake-up procedure only for the at least one targeted user once a predefined number with respect to the at least one preselected signal feature of the message has been reached, wherein the preselected number with respect to the at least one predefined signal feature is greater than one.
8. (Previously Presented) The method according to claim 7, wherein the message is evaluated for a possible wake-up message once the at least one preselected signal feature is detected.
9. (Original) The method according to claim 7, further comprising determining a time duration when the signal feature occurs for a first time.
10. (Original) The method according to claim 7, wherein binary information results from a time duration following a first occurrence of the signal feature.
11. (Currently Amended) The method according to claim 7, further comprising:
retransmitting the message following an initiation of the further wake-up procedure once the predefined number with respect to the at least one preselected signal feature of the message has been reached, and determining therefrom which users or user groups are to be selectively awakened fully.
12. (Canceled).